| Ind | lex | of | Cla | ims |  |
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|     |     |    |     |     |  |

| IggA | ication/Control | No. |
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10/645,744 Examiner

Blessing M. Fubara

Applicant(s)/Patent under Reexamination

LIN ET AL.

Art Unit

1618

| <b>√</b> | Rejected |
|----------|----------|
| . 11     | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
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| _ | Interference |

| A | Appeal   |  |
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|         |                                  |         | 1                                       |  |              |  | J        |          |              |          |
|---------|----------------------------------|---------|---|--|--------------|--|----------|----------|--------------|----------|
| Cla     | im                               |         |   |  | I            | Date   |          |          |              |          |
| Final   | Original                         | 9/23/06 | 8/4/07                                  |  |              |  |          |          |              |          |
|         | 1                                | +       | 1                                       | -  |              | _  |          | -        | _            | Н        |
|         | 1<br>2<br>3<br>4<br>5<br>6       | +       | 7 N 7 7 7 7 7 N 7 N 7 N 7 N 7 N 7 N 7 N | $\vdash$   | $\vdash$     |  | $\vdash$ | $\vdash$ |              | Н        |
|         | 3                                | +       | N                                       | I  |              |  |          |          |              | П        |
|         | 4                                | +       | 1                                       |  |              |  |          |          |              | П        |
|         | 5                                | +       | √                                       |  |              |  |          |          |              |          |
|         | 6                                | +       | 1                                       |  |              |  |          |          |              |          |
|         |                                  | +       | 1                                       |  | _            | _  | _        | <u> </u> | L            | Щ        |
|         | 8                                | +       | 1                                       | _  | _            |  | L        | <u> </u> |              | Щ        |
|         | 9                                | +       | <b>√</b>                                | _  | <b> </b>     | _  | <u> </u> | <u> </u> | <u> </u>     | Н        |
|         | 10                               | +       | V                                       | <u> </u>   | <u> </u>     |  |          | _        |              | Н        |
| <b></b> | 11                               | +       | N                                       | ⊢  | -            |  | -        | -        | <u> </u>     | Н        |
|         | 11<br>12<br>13                   | +       | 1                                       | -  | -            | -  | ├        | -        |              | Н        |
|         | 14                               |         | N                                       | $\vdash$   | $\vdash$     | _  | ┝        | -        | _            | Н        |
|         | 15                               | +       | N N N                                   | $\vdash$   | $\vdash$     |  | ┢        | $\vdash$ | _            | Н        |
|         | 16                               | +       | 1                                       |  | <del> </del> | <del>                                     </del> | _        | _        | <del> </del> | Н        |
|         | 17                               | +       |   |  | $\vdash$     |  | $\vdash$ | $\vdash$ |              | П        |
|         | 14<br>15<br>16<br>17<br>18<br>19 | +       | N                                       |  |              |  |          |          |              | П        |
|         | 19                               | +       | 1                                       |  |              |  |          |          |              |          |
|         | 20                               | +       | N                                       |  |              |  |          |          |              |          |
|         | 21                               | +       | N                                       |  |              |  |          |          |              |          |
|         | 22                               | +       | Z                                       |  | L            | _  | L        | L        | <u> </u>     | Ш        |
|         | 22<br>23<br>24                   | +       | Ŋ                                       |  | <u> </u>     | <u> </u>   | _        | _        | _            | Ц        |
|         | 24                               | +       | V                                       | <u> </u>   | _            | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     | Н        |
|         | 25<br>26                         | +       | N<br>N                                  | -  | -            | ┝  | ⊢        | -        | $\vdash$     | Н        |
| -       | 27                               | +       | N<br>V                                  | -  | ├            | <del> </del>                                     |          |          |              | Н        |
|         | 28                               | +       | <b>7 7 N</b>                            | $\vdash$   |              | ⊢  | _        | ├        | $\vdash$     | Н        |
|         | 28<br>29                         | +       | h                                       |  | $\vdash$     | ┝  | _        | $\vdash$ | _            | H        |
|         | 30                               | +       | Ť                                       |  | $\vdash$     | H  | $\vdash$ |          | _            | H        |
|         | 31                               | +       | 7                                       |  |              | $\vdash$   |          |          | Т            | П        |
|         | 31<br>32                         | +       | 1                                       |  |              |  |          |          |              | П        |
|         | 33                               | +       | 1                                       |  |              |  |          |          |              |          |
|         | 34                               | +       | 7 7                                     |  |              |  |          |          |              |          |
|         | 35                               | +       |   | _  |              |  | _        | L        |              |          |
|         | 36                               | +       | 1                                       |  |              | <u> </u>   |          | <u> </u> |              | Ш        |
|         | 37                               | +       | \ <u>\</u>                              | Ŀ  |              | <u> </u>   | _        | <u> </u> | <u> </u>     | Ŀ        |
|         | 38<br>39                         | +       | N                                       | _  |              | <u> </u>   |          | <u> </u> |              | H        |
|         | 40                               | +       | _                                       | -  | <u> </u>     | <u> </u>   |          | -        | _            | Н        |
|         | 41                               | +       | N                                       | Н  | _            |  | _        | H        | _            | Н        |
|         | 42                               | +       | N                                       | $\vdash$   | _            |  | _        |          | _            | Н        |
|         | 43                               | +       | 7                                       | <del>                                     </del> |              | _  | _        | Т        | H            | $\vdash$ |
|         | 44                               | +       | N                                       |  |              |  |          |          |              | Н        |
|         | 45                               | +       | 7                                       |  |              |  |          |          |              |          |
|         | 46                               | +       | 1                                       |  |              |  |          |          |              |          |
|         | 47                               | +       | N                                       |  |              |  |          |          |              |          |
|         | 48                               | +       | z                                       |  |              |  |          |          |              | П        |
|         | 49                               | +       | N                                       |  |              |  | _        |          |              | Ш        |
|         | 50                               | +       | N                                       |  |              |  |          |          |              |          |

| Cla         | .:       |          |        |              |  | 2-4  |              |  |          |          |
|-------------|----------|----------|--------|--------------|--|--|--------------|--|----------|----------|
| Cla         | IIII     | _        | _      | _            |  | Date   | =            |  | 1        | _        |
| Final       | Original | 9/23/06  | 8/4/07 |              |  |  |              |  |          |          |
|             | 51       | +        | 1      |              |  |  |              |  |          |          |
|             | 52       | +        | N      |              |  |  |              | _  |          |          |
|             | 53       | +        | N      |              |  |  |              |  |          |          |
|             | 54       | +        | N      |              |  | 1  |              |  |          |          |
|             | 55       | +        | N      |              |  |  |              |  |          |          |
|             | 56       | +        | N      |              |  |  |              |  |          |          |
|             | 57       | +        | N      | ٦,           |  | Г  | П            | Г  | Г        | Г        |
|             | 58       | +        | N      |              |  |  |              |  | Г        |          |
|             | 59       | +        | N      |              |  | Г  |              |  |          |          |
|             | 60       | +        | N      |              |  |  |              |  |          |          |
|             | 61       | +        | N      |              |  |  |              |  |          |          |
|             | 62       | +        | N      |              |  |  |              |  |          |          |
|             | 63       | +        | Ν      |              |  |  |              |  |          |          |
|             | 64       | +        | N      |              |  |  |              |  |          |          |
|             | 65       | +        | z      |              |  |  |              |  |          |          |
|             | 66       | +        | N      |              |  |  |              |  |          |          |
|             | 67       | +        | N      |              |  |  |              |  |          |          |
|             | 68       | +        | N      | L            |  |  |              |  |          |          |
|             | 69       | +        | Ν      | L            |  | $oxed{oxed}$                                     |              |  |          |          |
|             | 70       | +        | z      | L            |  |  |              | _  |          |          |
|             | 71       | +        | Z      | _            | L  |  | L            | _  | L        | L        |
|             | 72<br>73 | +        | Z      |              | _  |  |              | <u> </u>   |          |          |
|             | 73       | +        | Ν      | <u> </u>     |  |  | <u> </u>     | _  | <u>_</u> |          |
| <u></u>     | 74<br>75 | +        | Ν      | <u> </u>     | _  | _  | <u>_</u>     | <u> </u>   |          | _        |
|             | 75       | +        | Z      | <u> </u>     | _  | _  | _            | ļ  |          |          |
| ļ           | 76       | +        | Z      | _            | <u> </u>   |  | <u> </u>     | <u> </u>   |          | <u> </u> |
| <u> </u>    | 77<br>78 | +        | 7      | <u> </u>     | ┞  |  | _            | <u> </u>   | _        | _        |
|             | 78       | +        | z :    | <u> </u>     | ⊢  |  | ┞            |  | _        |          |
| ļ           | 79       | +        | Z      | <u> </u>     | ├-   | <u> </u>   | <del> </del> |  | -        |          |
| <u> </u>    | 80       | +        | 2      |              | <u> </u>   |  | _            | ┝  | <u> </u> |          |
| _           | 81       | <u> </u> | 7      | ├-           | ⊢  | _  | ⊢            | ┝  | ┝        |          |
| _           | 82       | ļ+       | N      | <del> </del> | <u> </u>   | _  |              | ├—   | <u> </u> | _        |
|             | 83       | +        | 2 2    | -            | <u> </u>   | _  | -            |  | <u> </u> | _        |
| <del></del> | 84<br>85 | +        | Z      | $\vdash$     | <del>   </del>                                   | $\vdash$   | $\vdash$     | $\vdash$   | -        | _        |
|             | 86       | +        | N      | $\vdash$     | <del>                                     </del> | -  | -            | -  | Η.       |          |
| -           | 87       | +        | N      | $\vdash$     | $\vdash$   |  | <del> </del> | $\vdash$   | ┢        | -        |
| <b>——</b>   | 88       | +        | N      | $\vdash$     |  | $\vdash$   | -            | -  | -        |          |
|             | 89       | +        | N      | $\vdash$     | $\vdash$   | $\vdash$   | -            | <del>                                     </del> | -        |          |
|             | 90       | +        | N      | $\vdash$     |  | <del>                                     </del> |              | $\vdash$   | ┝        | $\vdash$ |
|             | 91       | +        | N      | Н            | $\vdash$   | $\vdash$   |              | $\vdash$   | _        |          |
|             | 92       | +        | N      | $\vdash$     |  | $\vdash$   |              | $\vdash$   | $\vdash$ | $\vdash$ |
|             | 93       | +        | N      |              |  |  |              |  |          |          |
|             | 94       | +        | N      |              |  |  | Г            |  |          |          |
|             | 95       | +        | N      |              |  |  |              |  |          |          |
|             | 96       | +        | Ν      |              |  |  |              |  |          |          |
|             | 97       | +        | N      |              |  |  |              |  |          |          |
|             | 98       | +        | Ν      |              |  |  |              |  |          |          |
|             | 99       | +        | N      |              |  |  |              |  |          |          |
|             | 100      | +        | Ν      |              |  | L_   | L            |  |          |          |

| Cl    | aim   | Γ              |               |              |          | Date   | <u> </u>     |          |              | $\neg$      |
|-------|---|----------------|---------------|--------------|----------|--|--------------|----------|--------------|-------------|
| Oic   |   | <del>  .</del> | $\overline{}$ | Г            | _        | I  | Ť            | Г        |              | М           |
| Final | Original  | 9/23/06        | 8/4/07        |              |          |  |              |          |              |             |
|       | 101   | +              | Z             |              |          |  | $\vdash$     | Г        |              | П           |
|       | 102   | +              | N             |              | $\vdash$ | T  | _            |          |              | Н           |
|       | 102<br>103  | +              | N             | $\vdash$     | _        | $\vdash$                                     | <del> </del> | $\vdash$ | $\vdash$     | Н           |
|       | 104   | +              | Z Z >         | $\vdash$     |          | -  | -            |          |              | Н           |
|       | 105   | +              | j             | ┢            | -        | -  |              | ⊢        | ┢            | $\vdash$    |
|       | 105<br>106  | +              | 1             | $\vdash$     | ┢        | ┢  | ┝            | ⊢        | ┢            |             |
|       | 107   | +              | 7             | ┢            | -        | -  | ┢            | -        | $\vdash$     | Н           |
|       | 107   | +              |               | ⊢            | -        | -  | H            |          | $\vdash$     | $\vdash$    |
|       | 100   | ÷              | ZZ            | ⊢            | ┝        | -  | -            | ┢        | -            |             |
|       | 110   | -              | Z             | <del> </del> | -        | ├  | ├            | ┝        | ├            | Н           |
|       | 110   | +              | Z             | -            | -        | -  | $\vdash$     |          | -            | Н           |
|       | 111   | Ť              | 7             | <del> </del> | _        | ⊢  | ┝            |          | _            |             |
|       | 112   | -              | <u> </u>      | -            | -        |  | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$    |
|       | 113   | $\vdash$       | <u> </u>      | -            | ├-       | $\vdash$                                     | -            |          | $\vdash$     | Н           |
|       | 114   | $\vdash$       | <u> </u>      | $\vdash$     | <u> </u> | <b> </b>                                     | <b>—</b>     | <u> </u> | ļ            | Ш           |
|       | 115   | <u> </u>       |               | ⊢            |          | <u> </u>                                     | <u> </u>     | <u> </u> | <u> </u>     | $\sqcup$    |
|       | 108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 | _              | Щ.            | <u> </u>     | <u> </u> | Ь—   | <u> </u>     | <u> </u> | <u> </u>     | Ш           |
|       | 117   | $\vdash$       | _             | ļ_           |          | _  | L            | <u> </u> | _            | Ш           |
|       | 118   | Ш              |               | _            | <u> </u> | L  | L            | <u>_</u> | _            | Ш           |
|       | 119   |                |               | L            | L_       |  | _            | _        | _            | Ш           |
|       | 120   |                | Ш             | <u> </u>     | _        |  |              |          | L            | Щ           |
|       | 121   |                |               |              | <u> </u> |  |              | <u>_</u> | _            |             |
|       | 122   |                |               | _            | _        | L.   | _            |          |              |             |
|       | 123   |                |               | 匚            | L        |  | L            |          |              | Ш           |
|       | 124   |                |               | 匚            | 匚        |  |              | _        | L.           |             |
|       | 125   |                |               | ᆫ            |          |  | _            | <u> </u> | L            | Ш           |
|       | 126   |                |               | <u> </u>     | _        |  |              | L        |              | Ш           |
|       | 127   |                |               | L            | <u> </u> | <u>.                                    </u> | <u> </u>     | <u>_</u> | L            | Ш           |
|       | 128<br>129<br>130   | _              |               | ㄴ            | ļ        | _  |              | <u> </u> | _            | Щ           |
|       | 129   |                |               | _            | L.       | _  | _            |          | <u> </u>     | Ш           |
|       | 130   |                |               | L_           |          | _  | _            |          | _            | Ш           |
|       | 131   |                |               | Ь.           | Ŀ        | _  | $oxed{oxed}$ | <u> </u> | <u> </u>     | Ш           |
|       | 132   | _              | _             | _            | _        |  | <u>_</u>     |          |              |             |
|       | 131<br>132<br>133   | Ш              |               | <u> </u>     | _        | <u> </u>                                     | L            | <u> </u> | <u> </u>     | Ш           |
|       | 134<br>135  | Ш              | L             |              | L_       | <u> </u>                                     |              | <u> </u> |              | Ш           |
|       | 135   |                | _             |              |          | Ŀ  | L            | <u> </u> | <u> </u>     | Ш           |
|       | 136   | Ш              |               |              | _        | L_   |              | _        | $\vdash$     | Ш           |
|       | 137<br>138  |                | Щ             | <u> </u>     | L        | Ľ.   |              |          | $oxed{oxed}$ | Ш           |
|       | 138   |                | Ш             | _            | L        | <u> </u>                                     | _            | L_       | $\perp$      | Ш           |
|       | 139   | Щ              |               | Ш            | L        |  |              | <u> </u> | Ш            | Ŀ           |
|       | 140   |                |               |              | _        |  |              |          | _            | Ш           |
|       | 141   |                |               |              |          | <u> </u>                                     |              |          |              | $\bigsqcup$ |
|       | 142   |                |               |              |          | _  | L            |          |              | Ш           |
|       | 143   |                |               |              |          | _  |              |          | $oxed{oxed}$ |             |
|       | 144   |                |               |              |          |  |              |          |              |             |
|       | 145   |                |               |              |          |  |              |          | $\Box$       |             |
|       | 146   |                |               |              |          |  |              | أسلا     |              |             |
|       | 147   |                |               |              |          |  |              |          |              |             |
|       | 148   |                |               |              |          |  |              |          |              |             |
|       | 149   |                |               |              |          | <u> </u>                                     |              | L        |              |             |
|       | 150   |                | ļ             |              |          |  |              |          |              |             |